

# WHAT IS CLAIMED IS:

1. A system for electric coupling of a plane connection on a current output terminal comprising a tubular conducting slug, wherein said connection comprises a hole and in that said connection is fixed on a transversal section of said slug in such a manner as to cause this hole to communicate with the inside of said tube.

2. The system according to claim 1, in which said connection is welded to said slug.

3. A generator comprising a system for electric coupling of a plane connection on a current output terminal comprising a tubular conducting slug, in which said connection comprises a hole and in that said connection is fixed on a transversal section of said slug in such a manner as to cause this hole to communicate with the inside of said tube, the generator comprising a plane connection connected electrically to one of the electrodes and a current output terminal comprising a central conducting slug surrounded by an annular glass seal, said slug being in the shape of a tube one end of which opens towards the outside and the other end opens towards the inside of said generator, wherein said connection comprises a hole and is welded to the internal transversal face of said slug in such a manner as to cause said hole to coincide with the inside of said slug.

4. The generator according to claim 3, in which said current output terminal is constituted by at least one tubular conducting central slug surrounded by an annular glass seal.

5. The generator according to one of claims 3 or 4, in which the internal diameter of said hole is smaller than the internal diameter of said slug.

6. A method for producing a system for electric coupling of a plane connection on a current output terminal comprising a tubular conducting slug, wherein said connection comprises a hole and in that said connection is fixed on a transversal section of said slug in such a manner as to cause this hole to communicate with the inside of said tube., the system comprising a plane connection and a current output terminal comprising a tubular conducting slug, said method comprising the following steps:

- said connection is placed on one transversal end of said slug,

- said connection is fixed to said end,
- said connection is pierced.

7. The method according to claim 6, in which said slug is held using a  
5 clamp.

8. The method according to one of claims 6 and 7, in which said connection is welded to said slug.

10 9. The method according to claim 6, in which said connection is electrically welded to said slug.

10. The method according to claim 9, in which said clamp constitutes a first welding electrode.  
15

11. The method according to one of claims 9 and 10, in which said connection is welded electrically to said slug using a second welding electrode.

12. The method according to claim 6, in which said connection is pierced  
20 using a tool introduced inside said slug.

13. The method according to one of claims 6, 7, 9, 10 or 12, in which a hole is made in said connection by cutting and pushing of material.

25 14. A method for producing an electrochemical generator comprising a system for electric coupling of a plane connection on a current output terminal comprising a tubular conducting slug, in which said connection comprises a hole and in that said connection is fixed on a transversal section of said slug in such a manner as to cause this hole to communicate with the inside of said tube, the generator  
30 comprising a plane connection connected electrically to one of the electrodes and a current output terminal comprising a central conducting slug surrounded by an annular glass seal, said slug being in the shape of a tube one end of which opens towards the outside and the other end opens towards the inside of said generator, wherein said connection comprises a hole and is welded to the internal transversal  
35 face of said slug in such a manner as to cause said hole to coincide with the inside of said slug, the electrochemical generator comprising a plane connection and a current output terminal comprising a tubular conducting slug, said method comprising the following steps:

- said slug is held using a clamp constituting a first welding electrode;
  - said connection is placed on the transversal end of said slug.
  - said connection is welded electrically to said end using a second electrode;
  - said connection is pierced using a tool introduced inside said slug in such a
- 5 manner as to make a hole by cutting and pushing of material.